



67th AMEU
Convention 2021

10 – 12 November 2021

**IMPLEMENTING SUSTAINABLE CUSTOMER
CENTRIC ELECTRICITY UTILITIES IN THE 4TH AND
5TH INDUSTRIAL REVOLUTION**

Virtual Convention

PROGRAMME



Hosted by
eThekweni
Metropolitan
Municipality

WEDNESDAY, 10 NOVEMBER 2021**SESSION 1**

08:30	National anthem	5	
	Prayer and scripture reading	5	
08:45	Welcome by the AMEU President,	15	Ms Refilwe Mokgosi: President - AMEU
09:00	Keynote Address	30	The Hon Dr Nkosazana Dlamini-Zuma,
09:30	Address by the CEO, NERSA	30	
10:00	Valedictory & Handover of AMEU Presidency	10	
	Invitation – Venue Announcement 2022	5	
	Honorary Membership Awards	15	Mr Jean Venter, AMEU General Secretary
10:30-13:00	Virtual meetings with affiliates		

SESSION CHAIR: MS JAYSHREE PERSHAD, AMEU**SESSION 2
STRATEGIC INITIATIVES**

13:30	Informing the municipal role in South Africa's energy future: Update on progress with pilot municipalities	30	Jarrad Wright, CSIR
14:00	Understanding South Africa's independent power procurement programme in terms of technology, finance and investments	30	Prof Pat Naidoo, UJ
14:30	Creating the utility of the future through innovative public engagement in the City of Cape Town.	30	Mary Haw, CoCTN
15:00	Reforms in Local Government Planning and the implication for Service Delivery Implementors : The eThekweni District Development Model (DDM) Case Study	30	Puvendra Akkiah, Strategic Management, eThekweni Metro
15:30	Re-skilling- how to re-skill our work force to work in a 4IR environment.	30	Pheladi Chuene, WiE Programme
16:00	From ballast to brains, the LED driver as key component for the realization of smart street lighting	30	Henk Rotman, Tridonic

THURSDAY, 11 NOVEMBER 2021**SESSION CHAIR: SAM LELOPE, AMEU PRESIDENT ELECT****SESSION 3
INFRASTRUCTURE ASSET AND REVENUE MANAGEMENT**

09:00	Revenue protection through systemic management of the energy use of internal municipal operations	30	Jesper Vauvert, GIZ
09:30	SSEG Grid Impact Assessments Support for Municipalities project report: Development of a Hosting Capacity method for South African Municipalities	30	Lindokuhle Mbatha, CSIR
10:00	A Practical Approach to Asset Management in Municipalities	30	Amar (Archie) Jaykaran, Amar AMCON
10:30	Digital Distribution Transformers – A smart and economical way to manage the LV network	30	Bhaba Das, Hitachi ABB
11:00	Carbon neutral by 2050: what does this mean for municipal electricity distributors?	30	Peliwe Jubase; Sustainable Energy Africa
11:45 -13:30	Virtual meetings with affiliates		

SESSION CHAIR: Nombulelo Zwane, Stellenbosch Municipality

SESSION 4 TECHNOLOGY AND INNOVATION (1)

13:30	Using 4IR technology to transform South African geysers into intelligent grid assets Municipalities face a variety of challenges that threaten their financial viability:	30	Jon Kornik, Plentify
14:00	A Guide to Performing a Simplified Municipal Cost of Supply Study	30	Josh Dippenaar, SEA
14:30	Electric Vehicles within the landscape of the Energy Sector	30	Hiten Parmar; uYilo eMobility Programme
15:00	An Innovative Method to Measure the Overall Accuracy of a Bulk Metering System	30	Chenal Palhad; Doble Engineering Africa
15:30	The Assessment and Capitalization of Losses for Transformers in Utility-Scale Solar Photovoltaic Plants	30	B A Thango; SGB-SMIT POWER MATLA
16:00			

FRIDAY, 12 NOVEMBER 2021

SESSION CHAIR: Dr Les Rencontre, CoCTN

SESSION 5 TECHNOLOGY AND INNOVATION (2)

09:00	Investigations into high temperature combustion of municipal solid waste for manufacturing green electricity	30	Prof Pat Naidoo, UJ
09:30	TID 2024 Rollover	30	Don Taylor, STSA
10:00	Power Transformer Diagnosis and Maintenance: To test OR not to test?	30	Herman Viljoen/Alexander Dierks; Alectrix (Pty) Ltd
10:30	Cyber Security Intrusion Detection for Station and Process Bus Applications in Substations: Challenges, Experiences and Case Studies	30	Andreas Klien/Riaan Louw; Alectrix (Pty) Ltd
10:00	The City of Cape Town's Project, Program and Portfolio Management Strategy	30	Ben Peters; City of Cape Town
10:30	Managing the rapidly growing electric vehicle load on distribution networks	30	Josh Dippenaar ; Sustainable Energy Africa
11:00	Proposed New Business Models in the Power Dx Sector - A new thinking, a new approach to business models in the EDI /ESI	30	Vally Padayachee, AMEU Strategic Adviser
11:45 -13:30	Virtual meetings with affiliates		

SESSION CHAIR: Ms Jayshree Pershad, AMEU President

SESSION 6

13:30	<ul style="list-style-type: none"> • Closing session • AMEU best paper award • CIGRE award • Thank you message from the AMEU • Affiliates Chair message • Thank you message from the partners • Closing address from the AMEU President 		
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